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CENTRAL INTELLIGENCE AGENCY
PHOTOGRAPHIC INTELLIGENCE DIVISION
PHOTOGRAPHIC INTELLIGENCE REPORT

CURRENT STATUS OF BOMBED BRIDGES IN
NORTH VIETNAM

CIA/PIR-65007
JULY 1965

DDR-Not a DUPE



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NORTH VIETNAM

This Photo Intelligence Report is a continuing assessment of the status of bombed bridges in North Vietnam. The preliminary effects of the bombing of bridges was studied in CIA/PIR-5007/65, July 1965, where twenty-two bridges were studied.

The thirty-nine bridges included in this study are listed in numerical sequence in the enclosed table. Included within the table is information of the extent of damage to each bridge, compensative action by the North Vietnamese, and the date of photographic coverage. The bridges under study are located on the enclosed map by numbers coinciding with the numerical sequence of the enclosed table. (Figure 1, CIA/IAD/IB-P-624/65)

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TABLE OF BOMBED BRIDGES IN NORTH VIETNAM

| <u>NO.</u> | <u>NAME</u> | <u>*TYPE</u> | <u>ROUTE</u> | <u>LOCATION</u> | <u>STATUS</u> | <u>COMPENSATIVE ACTION</u> |
|------------|-------------------|--------------|--------------|------------------|---|---|
| 1. | Ninh Binh | C | 10 | 201540N-1055920E | One span dropped | New approach constructed Float bridge sections near- by |
| 2. | Dong Phong Thuong | C | 1 | 195836N-1055005E | One span dropped, two damaged | Float bridge upstream |
| 3. | Thanh Hoa | C | 1 | 195012N-1054765E | Repaired | Trafficable for vehicles, track replaced |
| 4. | Thi Long | R | | 193150N-1054250E | Abutment damaged, approach damaged | Repaired |
| 5. | Qui Vinh | R | | 191545N-1054120E | One span destroyed, approach damaged | New approach with spur track, piers in river |
| 6. | Phuong Can | H | 1 | 191415N-1054223E | Repaired | Temporary deck span, floating bridge downstream |
| 7. | Ly Nhan | H | 1 | 190022N-1053530E | Two spans destroyed, two spans damaged | Ferry landings improved, pontoon ferry upstream |
| 8. | Dien Chau | R | | 185820N-1053455E | Two spans destroyed, approach damaged | Approach lightly repaired, abutment repaired |
| 9. | Tem Da | C | 1 | 185654N-1053915E | Two spans destroyed, one span damaged | Ferry site improved slightly, ferry located upstream |

* NOTE: R-Rail Bridge, H-Highway Bridge, C-Combination Bridge

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TABLE OF BOMBED BRIDGES IN NORTH VIETNAM - Page 2

| <u>NO.</u> | <u>NAME</u> | <u>*TYPE</u> | <u>ROUTE</u> | <u>LOCATION</u> | <u>STATUS</u> | <u>COMPENSATIVE ACTION</u> |
|------------|-----------------|--------------|--------------|------------------|-----------------------|--|
| 10. | Ninh Xa | H | 1 | 183030N-1054340E | One span destroyed | Improved low water ford |
| 11. | Tho Son | H | 1 | 182722N-1054643E | One span destroyed | Ferry site improved, possible construction material nearby |
| 12. | Xom Gie | H | 1 | 182502N-1054830E | One span dropped | No change-ferry site |
| 13. | Kinh Thuong | H | | 182040N-1055600E | Three spans destroyed | None |
| 14. | Ha Tinh | H | 1 | 181907N-1055504E | Destroyed | Existing ferry site |
| 15. | Tho Ngao | H | 1 | 181413N-1060100E | Three spans destroyed | New ferry crossing |
| 16. | Kimnac | H | 1 | 181350N-1060220E | Moderate damage | Repaired |
| 17. | Tu Dung | H | 1 | 181253N-1060650E | Two spans destroyed | Ferry site slightly improved |
| 18. | Thanh Yen | H | 1 | 173814N-1063125E | Two spans destroyed | Light framework replacing destroyed spans, ferry site improved |
| 19. | Xom Phuong-West | H | 1 | 173248N-1063303E | Two spans destroyed | None |
| | Xom Phuong-East | H | 1 | 173248N-1063303E | Repaired | Four destroyed spans replaced |

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TABLE OF BOMBED BRIDGES IN NORTH VIETNAM - Page 3

| <u>NO.</u> | <u>NAME</u> | <u>*TYPE</u> | <u>ROUTE</u> | <u>LOCATION</u> | <u>STATUS</u> | <u>COMPENSATIVE ACTION</u> |
|------------|---------------|--------------|--------------|------------------|--|---|
| 20. | Dong Hoi | H | 1 | 172725N-1063745E | Two spans destroyed | Ferry |
| 21. | My Duc | H | | 171345N-1064210E | One span destroyed, one span dropped | Light footbridge down- stream |
| 22. | Ban Pieng Hom | H | 7 | 192210N-1041330E | Two spans destroyed, one span damaged | Ford reactivated |
| 23. | Ban Ca Nen | H | 7 | 192038N-1041615E | Destroyed | Newly constructed ferry site |
| 24. | Khe Kien | H | 7 | 191621N-1042117E | Destroyed | Causeway approach improved, footbridge connecting piers |
| 25. | Cha Lum | H | 7 | 190740N-1044430E | Destroyed | Ford Reactivated |
| 26. | Phuc Thiem | H | 7 | 185771N-1053420E | Destroyed | Approach improved, light pier framework, probable construction material nearby, new footbridge downstream |
| 27. | Vinh Area | H | 15 | 184010N-1053920E | One span destroyed, one span dropped | By-pass roads to small bridge upstream |

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TABLE OF BOMBED BRIDGES IN NORTH VIETNAM - Page 4

| <u>NO.</u> | <u>NAME</u> | <u>*TYPE</u> | <u>ROUTE</u> | <u>LOCATION</u> | <u>STATUS</u> | <u>COMPENSATIVE ACTION</u> | <u>MSN DATA</u> |
|------------|--------------------|--------------|--------------|------------------|--|--|-----------------|
| 28. | Kim Cuong | H | 8 | 182635N-1051430E | One span destroyed | Ford | |
| 29. | Near Kim Cuong | H | 8 | 182645N-1051500E | One span destroyed, two spans damaged | Ford | |
| 30. | Trai Hoi | C | 15 | 182137N-1053700E | One span destroyed, one span damaged | Abutment and trestle reconstruction | |
| 31. | San Dinh | H | 82 | 182403N-1054341E | Destroyed | New by-pass road with new bridge | |
| 32. | Bai Duc Thon-NW | H | 12 | 180405N-1054930E | Repaired | Piers and light decking | |
| 33. | La Khe Thon | R | | 180358N-1054925E | Destroyed | Approach lightly repaired | |
| 34. | Bai Duc Thon | C | 12 | 180325N-1055020E | Approach destroyed, truss damaged | Ford approach repaired and ford reactivated, new unimproved road by-passing complex | |
| 35. | Xom Ca Trang-North | H | 12 | 175715N-1054855E | Destroyed | Ford approach repaired | |
| 36. | Xom Ca Trang-South | H | 12 | 175715N-1054855E | One span destroyed | New ford approach | |

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TABLE OF BOMBED BRIDGES IN NORTH VIETNAM - Page 5

| <u>NO.</u> | <u>NAME</u> | <u>*TYPE</u> | <u>ROUTE</u> | <u>LOCATION</u> | <u>STATUS</u> | <u>COMPENSATIVE ACTION</u> |
|------------|--------------|--------------|--------------|------------------|-----------------------------------|---|
| 37. | Xom Thanh | H | 12 | 175430N-1054930E | Abutment damaged, span dropped | Ford reactivated |
| 38. | La Trong | H | 12 | 175100N-1054820E | Destroyed | Ford reactivated |
| 39. | Don Bai Dinh | H | 12 | 174540N-1054640 | Destroyed | Ford reactivated, new approach to new crossing site |

* NOTE: R-Rail Bridge, H-Highway Bridge, C-Combination Bridge

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REFERENCES

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MAPS OR CHARTS

Annotated Locator Map (Indochina Terrain and Transportation
50252 1-65) - UNCLASSIFIED

REQUIREMENT

CIA. C-RR5-82,800

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